

CLAIMS

1. A fluid foundation composition in the form of a water-in-oil emulsion comprising at least one oil, an aqueous phase containing water and at least 6% by weight, relative to the total weight of the composition, of water-miscible polyol, and
5 at least 8% by weight of dyestuff, the water, the polyol and the oil being present in a content such that the water + polyol/oil(s) weight ratio is greater than or equal to 0.8.
- 10 2. A fluid foundation composition in the form of a water-in-oil emulsion comprising at least one oil, an aqueous phase containing water and at least 5% by weight, relative to the total weight of the composition, of water-miscible polyol, and polymethyl methacrylate particles, the polyol and the oil being present in a content
15 such that the water + polyol/oil(s) weight ratio is greater than or equal to 0.8.
3. A fluid foundation composition in the form of a water-in-oil emulsion comprising at least one oil, an aqueous phase containing water and at least two water-miscible polyols, the polyols being present in a total content of greater than
20 or equal to 5% by weight, relative to the total weight of the composition, the polyols and the oil being present in a content such that the water + polyols/oil(s) weight ratio is greater than or equal to 0.8.
4. A fluid foundation composition in the form of a water-in-oil emulsion comprising at least one oil, an aqueous phase containing water and at least two
25 water-miscible polyols, and polymethyl methacrylate particles, the water being the predominant compound of the emulsion, the composition having a viscosity ranging from 0.25 Pa.s to 0.6 Pa.s.
5. The composition as claimed in any one of the preceding claims, wherein it
30 comprises a volatile oil.
6. The composition as claimed in any one of the preceding claims, wherein it comprises a volatile hydrocarbon-based oil.
- 35 7. The composition as claimed in any one of the preceding claims, wherein it comprises a volatile hydrocarbon-based oil chosen from hydrocarbon-based oils with a flash point ranging from 40°C to 102°C, preferably ranging from 40°C to 55°C and preferentially ranging from 40°C to 50°C.
- 40 8. The composition as claimed in any one of the preceding claims, wherein the volatile hydrocarbon-based oil is chosen from volatile hydrocarbon-based oils containing from 8 to 16 carbon atoms, and mixtures thereof.

9. The composition as claimed in any one of the preceding claims, wherein the volatile hydrocarbon-based oil is chosen from branched C₈-C₁₆ alkanes and branched C₈-C₁₆ esters, and mixtures thereof.

5 10. The composition as claimed in any one of the preceding claims, wherein the volatile hydrocarbon-based oil is chosen from isododecane, isodecane and isohexadecane.

10 11. The composition as claimed in any one of the preceding claims, wherein the volatile hydrocarbon-based oil is isododecane.

15 12. The composition as claimed in any one of claims 6 to 11, wherein the volatile hydrocarbon-based oil is present in a content ranging from 5% to 35% by weight, preferably ranging from 5% to 25% by weight and preferentially ranging from 8% to 15% by weight, relative to the total weight of the composition.

13. The composition as claimed in any one of the preceding claims, wherein it comprises a volatile silicone oil.

20 14. The composition as claimed in any one of the preceding claims, wherein it comprises a volatile silicone oil chosen from silicone oils with a flash point ranging from 40°C to 102°C, preferably with a flash point of greater than 55°C and less than or equal to 95°C and preferentially ranging from 65°C to 95°C.

25 15. The composition as claimed in any one of the preceding claims, wherein it comprises a volatile silicone oil chosen from linear or cyclic silicone oils containing from 2 to 7 silicon atoms, these silicones optionally comprising alkyl or alkoxy groups containing from 1 to 10 carbon atoms.

30 16. The composition as claimed in any one of the preceding claims, wherein it comprises a volatile silicone oil chosen from octamethylcyclotetrasiloxane, decamethylcyclopentasiloxane, dodecamethylcyclohexasiloxane, heptamethylhexyltrisiloxane, heptamethyloctyltrisiloxane, hexamethyldisiloxane, octamethyltrisiloxane, decamethyltetrasiloxane and dodecamethylpentasiloxane, 35 and mixtures thereof.

40 17. The composition as claimed in any one of claims 13 to 16, wherein the volatile silicone oil is present in a content ranging from 5% to 35% by weight, preferably ranging from 10% to 30% by weight and preferentially ranging from 15% to 25% by weight, relative to the total weight of the composition.

18. The composition as claimed in any one of the preceding claims, wherein it comprises at least one volatile hydrocarbon-based oil and at least one volatile silicone oil.

- 5 19. The composition as claimed in the preceding claim, wherein it comprises:
- a first volatile hydrocarbon-based oil,
 - a second volatile silicone oil with a flash point of greater than 55°C and less than or equal to 80°C, preferably ranging from 65°C to 80°C and better still ranging from 67°C to 85°C,
 - 10 - a third volatile silicone oil with a flash point of greater than 80°C, preferably greater than or equal to 80°C and less than or equal to 95°C, and better still ranging from 87°C to 95°C.

15 20. The composition as claimed in the preceding claim, wherein the first volatile hydrocarbon-based oil is isododecane.

21. The composition as claimed in claim 20, wherein the second silicone oil is chosen from decamethylcyclopentasiloxane and decamethyltetrasiloxane, and preferably decamethylcyclopentasiloxane.

20 22. The composition as claimed in claim 20, wherein the third silicone oil is dodecamethylcyclohexasiloxane.

23. The composition as claimed in any one of claims 20 to 22, wherein the second volatile silicone oil is present in a content ranging from 0.1% to 35% by weight, preferably ranging from 5% to 20% by weight and preferentially ranging from 8% to 16% by weight relative to the total weight of the composition.

24. The composition as claimed in any one of claims 20 to 23, wherein the third volatile silicone oil is present in a content ranging from 0.1% to 35% by weight, preferably ranging from 2% to 20% by weight and preferentially ranging from 4% to 15% by weight relative to the total weight of the composition.

25. The composition as claimed in any one of the preceding claims, wherein the composition comprises a mixture of decamethylcyclopentasiloxane, dodecamethylcyclohexasiloxane and isododecane.

26. The composition as claimed in claim 25, wherein, in the mixture, the content, expressed on a weight basis relative to the total weight of the composition, is such that: isododecane content > decamethylcyclopentasiloxane content > dodecamethylcyclohexasiloxane content.

27. The composition as claimed in any one of the preceding claims, wherein it comprises isododecane present as volatile oil in predominant weight amount.

5 28. The composition as claimed in any one of the preceding claims, wherein it comprises decamethylcyclopentasiloxane in predominant weight amount relative to the weight content of any other volatile silicone oil that may be present in the composition.

10 29. The composition as claimed in any one of claims 5 to 28, wherein the volatile oil is present in a total content ranging from 10% to 50% by weight, preferably ranging from 15% to 45% by weight, preferentially ranging from 20% to 40% by weight, preferentially ranging from 25% to 40% by weight, more preferentially ranging from 30% to 40% by weight and even more preferentially ranging from 30% to 36% by weight, relative to the total weight of the composition.

15 30. The composition as claimed in any one of the preceding claims, wherein it comprises a nonvolatile oil.

20 31. The composition as claimed in claim 30, wherein the nonvolatile oil is chosen from nonvolatile hydrocarbon-based oils and nonvolatile silicone oils, and mixtures thereof.

25 32. The composition as claimed in claim 30 or 31, wherein the nonvolatile oil is present in a content ranging from 0.1% to 12% by weight and preferably ranging from 1% to 5% by weight, relative to the total weight of the composition.

30 33. The composition as claimed in any one of the preceding claims, wherein it comprises oils in a content ranging from 30% to 45% by weight and preferably ranging from 30% to 40% by weight relative to the total weight of the composition.

35 34. The composition as claimed in any one of the preceding claims, wherein it comprises water in a content ranging from 15% to 35% by weight, preferably ranging from 20% to 30% by weight and preferentially ranging from 22% to 28% by weight, relative to the total weight of the composition.

36 35. The composition as claimed in any one of the preceding claims, wherein the water-miscible polyol is chosen from polyols containing from 3 to 20 carbon atoms, preferably containing from 3 to 10 carbon atoms and preferentially containing from 3 to 6 carbon atoms.

40 36. The composition as claimed in any one of the preceding claims, wherein the water-miscible polyol is chosen from glycerol, propylene glycol, butylene glycol,

pentylene glycol, hexylene glycol, dipropylene glycol and diethylene glycol, and mixtures thereof.

- 5 37. The composition as claimed in any one of claims 2 to 36, wherein the water-miscible polyol is present in a content ranging from 6% to 20% by weight, preferably ranging from 6% to 17% by weight and preferentially ranging from 8% to 12% by weight, relative to the total weight of the composition.
- 10 38. The composition as claimed in any one of claims 1 and 4 to 36, wherein the water-miscible polyol is present in a content ranging from 5% to 20% by weight, preferably ranging from 6% to 20% by weight, preferentially ranging from 6% to 17% by weight and more preferentially ranging from 8% to 12% by weight, relative to the total weight of the composition.
- 15 39. The composition as claimed in any one of the preceding claims, wherein it comprises at least two water-miscible polyols.
- 20 40. The composition as claimed in the preceding claim, wherein it comprises a water-miscible polyol containing 3 carbon atoms and a water-miscible polyol containing more than 3 carbon atoms, especially containing from 4 to 20 carbon atoms, preferably containing from 4 to 10 carbon atoms and preferentially containing from 4 to 6 carbon atoms.
- 25 41. The composition as claimed in the preceding claim, wherein the water-miscible polyol containing more than 3 carbon atoms is chosen from butylene glycol, pentylene glycol, hexylene glycol, dipropylene glycol and diethylene glycol, and mixtures thereof.
- 30 42. The composition as claimed in either of claims 40 and 41, wherein the polyol containing 3 carbon atoms is present in predominant weight amount in the mixture of polyols present in the composition (which means that the weight content of water-miscible polyol containing 3 carbon atoms is greater than the total content of water-miscible polyol containing more than 3 carbon atoms).
- 35 43. The composition as claimed in any one of claims 40 to 42, wherein the water-miscible polyol containing 3 carbon atoms is present in a content ranging from 3% to 15% by weight, preferably ranging from 3% to 10% by weight and preferentially ranging from 5% to 8% by weight, relative to the total weight of the composition.
- 40 44. The composition as claimed in any one of claims 40 to 42, wherein the water-miscible polyol containing more than 3 carbon atoms is present in a content ranging from 1% to 7% by weight, preferably ranging from 1% to 5% by weight and

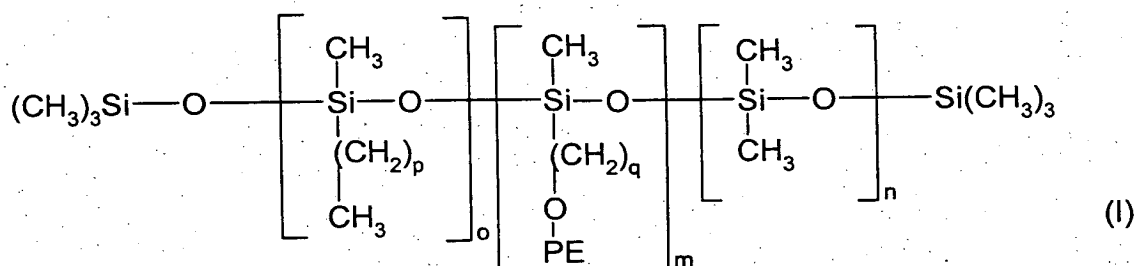
preferentially ranging from 2% to 4% by weight, relative to the total weight of the composition.

45. The composition as claimed in any one of the preceding claims, wherein the aqueous phase is present in a content ranging from 20% to 50% by weight, preferably ranging from 25% to 40% by weight and preferentially ranging from 30% to 40% by weight, relative to the total weight of the composition.

46. The composition as claimed in any one of the preceding claims, wherein it comprises water, at least one polyol and at least one oil in a content such that the water + polyol(s)/oil(s) weight ratio is greater than or equal to 0.8 (especially ranging from 0.8 to 1.2), preferably greater than or equal to 0.85 (especially ranging from 0.85 to 1.2), preferentially greater than or equal to 0.9 (especially ranging from 0.9 to 1.2) and more preferentially greater than or equal to 0.94 (especially ranging from 0.94 to 1.2).

47. The composition as claimed in any one of the preceding claims, wherein it comprises a C₈-C₂₂ alkyl dimethicone copolyol.

48. The composition as claimed in the preceding claim, wherein the C₈-C₂₂ alkyl dimethicone copolyol is a compound of formula (I) below:



in which:

- 25 - PE represents (-C₂H₄O)_x-(C₃H₆O)_y-R, R being chosen from a hydrogen atom and an alkyl radical of 1 to 4 carbon atoms, x ranging from 0 to 100 and y ranging from 0 to 80, x plus y not simultaneously being 0
- m ranges from 1 to 40
- n ranges from 10 to 200
- 30 - o ranges from 1 to 100
- p ranges from 7 to 21
- q ranges 0 to 4

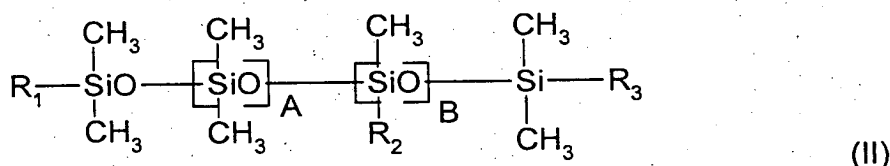
49. The composition as claimed in the preceding claim, wherein
 35 R = H ; m = 1 to 10 ; n = 10 to 100 ; o = 1 to 30 ; p = 15 ; q = 3.

50. The composition as claimed in any one of claims 46 to 49, wherein the C₈-C₂₂ alkyl dimethicone copolyol is cetyl dimethicone copolyol.

51. The composition as claimed in any one of claims 46 to 50, wherein the C₈-C₂₂ alkyl dimethicone copolyol is present in a content ranging from 0.5% to 2% by weight, especially ranging from 0.6% to 2% by weight, better still ranging from 0.7% to 2% by weight, even ranging from 0.8% to 2% by weight and preferably ranging from 0.5% to 1.5% by weight, especially ranging from 0.6% to 1.5% by weight and better still ranging from 0.7% to 1.5% by weight, relative to the total weight of the composition.

52. The composition as claimed in any one of the preceding claims, wherein it comprises a dimethicone copolyol.

53. The composition as claimed in the preceding claim, wherein the dimethicone copolyol is a compound of formula (II) below:



in which:

R₁, R₂ and R₃, independently of each other, represent a C₁-C₆ alkyl radical or a radical -(CH₂)_x - (OCH₂CH₂)_y - (OCH₂CH₂CH₂)_z - OR₄, at least one radical R₁, R₂ or R₃ not being an alkyl radical; R₄ being a hydrogen, a C₁-C₃ alkyl radical or a C₂-C₄ acyl radical;

A is an integer ranging from 0 to 200;

B is an integer ranging from 0 to 50; with the condition that A and B are not simultaneously equal to 0;

x is an integer ranging from 1 to 6;

y is an integer ranging from 1 to 30 ;

z is an integer ranging from 0 to 5.

54. The composition as claimed in the preceding claim, wherein R₁ = R₃ = methyl radical, x is an integer ranging from 2 to 6 and y is an integer ranging from 4 to 30.

55. The composition as claimed in claim 53 or 54, wherein R₄ is hydrogen.

56. The composition as claimed in any one of claims 53 to 55, wherein the dimethicone copolyol is a compound of formula (III) below :

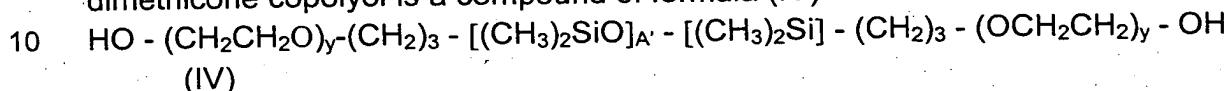


(III)



- 5 in which A is an integer ranging from 20 to 105, B is an integer ranging from 2 to 10 and y is an integer ranging from 10 to 20.

57. The composition as claimed in any one of claims 53 to 56, wherein the dimethicone copolyol is a compound of formula (IV) below :



in which A' and y are integers ranging from 10 to 20.

- 15 58. The composition as claimed in any one of claims 53 to 57, wherein the dimethicone copolyol is present in a content ranging from 2% to 10% by weight, preferably ranging from 5% to 8% by weight and preferentially ranging from 5% to 7% by weight, relative to the total weight of the composition.

- 20 59. The composition as claimed in any one of claims 2 to 58, wherein it comprises a dyestuff.

60. The composition as claimed in claim 1 or 59, wherein the dyestuff is pulverulent dyestuff.

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61. The composition as claimed in any one of claims 1, 59 and 60, wherein the dyestuff is chosen from pigments and nacles, and the mixtures thereof.

30 62. The composition as claimed in the preceding claim, wherein the pigments are chosen from iron oxide pigments and titanium dioxide pigments.

63. The composition as claimed in any one of claims 1 and 60 to 62, wherein the pulverulent dyestuff is coated hydrophobe.

35 64. The composition as claimed in any one of claims 59 to 63, wherein the dyestuff is present in a content ranging from 0.5% to 20% by weight, preferably in a content at least equal to 5% by weight, and especially ranging from 5% to 20% by weight, relative to the total weight of the composition.

40 65. The composition as claimed in any one of claims 1 and 59 to 64, wherein the pulverulent dyestuff is present in a content ranging from 8% to 20% by weight and preferably ranging from 8% to 15% by weight, relative to the total weight of the composition.

66. The composition as claimed in any one of claims 1, 3 and 5 to 65, wherein it comprises polymethyl methacrylate particles.

5 67 The composition as claimed in any one of claims 1, 3 and 66, wherein the polymethyl methacrylate particles are present in a content ranging from 1% to 10% by weight, preferably ranging from 1% to 8% by weight, preferentially ranging from 1% to 6% by weight and more preferentially ranging from 2% to 6% by weight, relative to the total weight of the composition.

10 68. The composition as claimed in any one of the preceding claims, wherein it comprises pulverulent dyestuffs and polymethyl methacrylate (PMMA) particles in contents such that the pulverulent dyestuff/PMMA weight ratio ranges from 2.5 to 3.5 and preferably ranges from 3 to 3.5.

15 69. The composition as claimed in any one of the preceding claims, wherein it comprises an additional filler, other than the polymethyl methacrylate particles.

20 70. The composition as claimed in any one of the preceding claims, wherein the additional filler is present in a content ranging from 0.1% to 5% by weight and preferably 0.1% to 3% by weight, relative to the total weight of the composition.

25 71. The composition as claimed in any one of the preceding claims, wherein it comprises a total content of solid particles, especially of pulverulent dyestuff, polymethyl methacrylate and additional fillers, of less than or equal to 20% by weight, especially ranging from 1% to 20% by weight, preferably ranging from 5% to 20% by weight, preferentially ranging from 10% to 20% by weight and more preferentially ranging from 15% to 20% by weight, relative to the total weight of the composition

30 72. The composition as claimed in any one of the preceding claims, wherein it comprises an oil thickener.

35 73. The composition as claimed in the preceding claim, wherein the oil thickener is chosen from organomodified clays and hydrophobic fumed silica.

40 74. The composition as claimed in either of claims 72 and 73, wherein the oil thickener is present in a content ranging from 0.1% to 5% by weight and better still from 0.4% to 3% by weight, relative to the total weight of the composition.

75. The composition as claimed in any one of the preceding claims, wherein it also comprises at least one additive chosen from gelling agents, hydrophilic or lipophilic thickeners and moisturizers; emollients; hydrophilic or lipophilic active

agents; free-radical scavengers; sequestering agents; antioxidants; preserving agents; acidifying or basifying agents; fragrances; film-forming agents; soluble dyes; and mixtures thereof.

5 76. The composition as claimed in any one of claims 1 to 3 and 5 to 75, wherein it has a viscosity, measured at 25°C, at a shear rate of 200 s^{-1} , ranging from 0.25 to 0.5 Pa.s.

10 77. The composition as claimed in any one of the preceding claims, wherein it has a viscosity, measured at 25°C, at a shear rate of 200 s^{-1} , ranging from 0.3 to 0.45 Pa.s.

15 78. A nontherapeutic cosmetic process for making up the skin, comprising the application to the skin of a foundation composition as claimed in any one of the preceding claims.

79. The use of a foundation composition as claimed in any one of claims 1 to 77 to obtain a uniform and/or mark-free makeup result on the skin.